

Aeronautics Educator Guide			
2006 Mathematics			
Content Standards			
Idaho Mathematics			
Grade 2			
Activity/Lesson	State	Standards	
Air Engines (12-16)	ID	MA.2.2.M.2.1.1	Select a tool that can measure a given attribute (ruler – length, cup – volume, balance – weight, clock – time, thermometer – temperature).
Air Engines (12-16)	ID	MA.2.2.M.2.1.2	Estimate length and time using standard units.
Air Engines (12-16)	ID	MA.2.2.M.2.1.6	Use appropriate vocabulary.
Rotor Motor (69-75)	ID	MA.2.2.M.5.2.1	Gather and display data in tables, charts, and bar graphs in order to answer a question.
Flight: Interdisciplinary Learning Activities (76-79)	ID	MA.2.2.M.1.1.1	Demonstrate knowledge of our numeration system by counting forward by twos, fives, and tens to 100 and by counting forward and backward by ones from any given number less than 100.
Plan to Fly There (97-106)	ID	MA.2.2.M.2.1.1	Select a tool that can measure a given attribute (ruler – length, cup – volume, balance – weight, clock – time, thermometer – temperature).
Dunked Napkin (17-22)	ID	MA.2.2.M.5.1.1	Interpret information found in simple tables, charts, bar graphs, and pictographs.
Dunked Napkin (17-22)	ID	MA.2.2.M.5.1.2	Use appropriate vocabulary.
Paper Bag Mask (23-28)	ID	MA.2.2.M.2.1.1	Select a tool that can measure a given attribute (ruler – length, cup – volume, balance – weight, clock – time, thermometer – temperature).
Paper Bag Mask (23-28)	ID	MA.2.2.M.2.1.2	Estimate length and time using standard units.
Paper Bag Mask (23-28)	ID	MA.2.2.M.2.1.6	Use appropriate vocabulary.
Paper Bag Mask (23-28)	ID	MA.2.2.M.4.1.1	Recognize, name, build, compare, and sort the two- and three-dimensional shapes of triangles, rectangles, squares, circles, cones, cubes, spheres, cylinders, and pyramids.
Paper Bag Mask (23-28)	ID	MA.2.2.M.4.1.3	Draw a line of symmetry.
Wind in Your Socks) (29-35)	ID	MA.2.2.M.2.1.1	Select a tool that can measure a given attribute (ruler – length, cup – volume, balance – weight, clock – time, thermometer – temperature).
Wind in Your Socks) (29-35)	ID	MA.2.2.M.2.1.2	Estimate length and time using standard units.
Wind in Your Socks) (29-35)	ID	MA.2.2.M.2.1.6	Use appropriate vocabulary.
Wind in Your Socks) (29-35)	ID	MA.2.2.M.5.1.2	Use appropriate vocabulary.
Wind in Your Socks) (29-35)	ID	MA.2.2.M.5.2.1	Gather and display data in tables, charts, and bar graphs in order to answer a question.
Aeronautics Educator Guide			
2006 Mathematics			
Content Standards			

Idaho Mathematics			
Grade 3			
Activity/Lesson	State	Standards	
Air Engines (12-16)	ID	MA.3.3.M.2.1.1	Select and use appropriate units and tools to make formal measurements of length and temperature in both systems.
Air Engines (12-16)	ID	MA.3.3.M.2.1.2	Estimate length, time, and weight in real-world problems using standard units.
Air Engines (12-16)	ID	MA.3.3.M.2.1.5	Identify relationships of length and time within the U.S. customary system and within the metric system.
Air Engines (12-16)	ID	MA.3.3.M.2.1.7	Use appropriate vocabulary.
Plan to Fly There (97-106)	ID	MA.3.3.M.2.1.4	Solve real-world problems related to time.
Plan to Fly There (97-106)	ID	MA.3.3.M.2.1.5	Identify relationships of length and time within the U.S. customary system and within the metric system.
We Can Fly, You and I: Interdisciplinary Learning (107-108)	ID	MA.3.3.M.2.1.4	Solve real-world problems related to time.
We Can Fly, You and I: Interdisciplinary Learning (107-108)	ID	MA.3.3.M.2.1.5	Identify relationships of length and time within the U.S. customary system and within the metric system.
Dunked Napkin (17-22)	ID	MA.3.3.M.5.1.2	Use appropriate vocabulary.
Dunked Napkin (17-22)	ID	MA.3.3.M.5.2.1	Collect, organize, and display data in tables, charts, or bar graphs in order to answer a question.
Paper Bag Mask (23-28)	ID	MA.3.3.M.2.1.1	Select and use appropriate units and tools to make formal measurements of length and temperature in both systems.
Paper Bag Mask (23-28)	ID	MA.3.3.M.2.1.7	Use appropriate vocabulary.
Paper Bag Mask (23-28)	ID	MA.3.3.M.4.1.2	Discuss sliding and flipping of two-dimensional shapes.
Wind in Your Socks) (29-35)	ID	MA.3.3.M.2.1.1	Select and use appropriate units and tools to make formal measurements of length and temperature in both systems.
Wind in Your Socks) (29-35)	ID	MA.3.3.M.2.1.7	Use appropriate vocabulary.
Wind in Your Socks) (29-35)	ID	MA.3.3.M.5.1.2	Use appropriate vocabulary.
Wind in Your Socks) (29-35)	ID	MA.3.3.M.5.2.1	Collect, organize, and display data in tables, charts, or bar graphs in order to answer a question.
Aeronautics Educator Guide			
2006 Mathematics			
Content Standards			
Idaho Mathematics			
Grade 4			
Activity/Lesson	State	Standards	

Air Engines (12-16)	ID	MA.4.4.M.2.1.1	Select and use appropriate units and tools to make the formal measurements of length, temperature, and weight in both systems.
Air Engines (12-16)	ID	MA.4.4.M.2.1.2	Estimate length, time, weight, and temperature in real-world problems using standard units.
Flight: Interdisciplinary Learning Activities (76-79)	ID	MA.4.4.M.2.1.4	Solve real-world problems related to elapsed time.
Making Time Fly (80-86)	ID	MA.4.4.M.5.2.1	Collect, organize, and display data in tables and charts to answer a question.
Plan to Fly There (97-106)	ID	MA.4.4.M.2.1.4	Solve real-world problems related to elapsed time.
We Can Fly, You and I: Interdisciplinary Learning (107-108)	ID	MA.4.4.M.2.1.4	Solve real-world problems related to elapsed time.
Paper Bag Mask (23-28)	ID	MA.4.4.M.2.1.1	Select and use appropriate units and tools to make the formal measurements of length, temperature, and weight in both systems.
Paper Bag Mask (23-28)	ID	MA.4.4.M.2.1.8	Use appropriate vocabulary.
Paper Bag Mask (23-28)	ID	MA.4.4.M.4.1.3	Identify multiple lines of symmetry in two-dimensional shapes.
Wind in Your Socks) (29-35)	ID	MA.4.4.M.2.1.1	Select and use appropriate units and tools to make the formal measurements of length, temperature, and weight in both systems.
Wind in Your Socks) (29-35)	ID	MA.4.4.M.2.1.2	Estimate length, time, weight, and temperature in real-world problems using standard units.
Wind in Your Socks) (29-35)	ID	MA.4.4.M.2.1.8	Use appropriate vocabulary.
Wind in Your Socks) (29-35)	ID	MA.4.4.M.5.1.2	Use appropriate vocabulary.
Wind in Your Socks) (29-35)	ID	MA.4.4.M.5.2.1	Collect, organize, and display data in tables and charts to answer a question.